

Title (en)

Method for the enzymatic preparation of enantiomerically pure derivatives of 1,3-Dioxolan-4-one and 1,3-Oxathiolan-5-one

Title (de)

Verfahren zur enzymatischen Herstellung von enantiomerenreinen 1,3-Dioxolan-4-on- und 1,3-Oxathiolan-5-on-Derivaten

Title (fr)

Méthode pour la préparation des enantiomères purs des dérivés de 1,3-Dioxolan-4-one et de 1,3-Oxathiolan-5-one

Publication

EP 1229127 B1 20050914 (DE)

Application

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Priority

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Abstract (en)

[origin: EP1229127A1] Preparation of enantiomerically pure 1,3-dioxolan-4-one or 1,3-oxathiolan-5-one derivatives (I) involves (i) contacting a mixture of the enantiomers of (I) with a hydrolytic enzyme and a nucleophile, so that the ring of one enantiomer of (I) is cleaved by the enzyme; and (ii) isolating the non-cleaved enantiomer of (I).

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